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MCCDC Information Paper



APSCE

Purpose. To update the Deputy Commanding General for Combat Development on the proposed Alternative Power Sources Communications Equipment (APSCE).
APSCE.

The APSCE ORD is a family-of-systems that provides a suite of alternative power source devices to provide portable electric power to energize communication equipment, computers and other electronic peripheral equipment in mobile, tactical or remote environments.

Mission Need Statement.

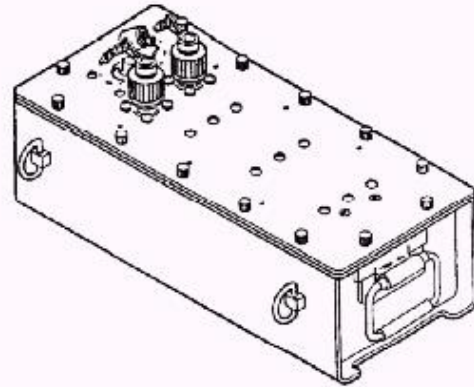
On 4 November 1997, the Assistant Commandant of the Marine Corps approved the APSCE MNS CCC 41. This MNS validates the need to provide portable electric power to operate communication equipment, computers and other electronic peripheral equipment in mobile, tactical or remote environments.

APSCE Program Status.

- An ACAT designation for the APSCE was requested on 18 Jan 98. The ADM was approved on 1 Apr 99.
- A Statement of Need for the SINCGARS Power Adaptor was approved on 16 Oct 99.
- During POM-02, the APSCE initiative was identified as #16 of 277, with the following funding:

FY02 FY03 FY04 FY05 FY06 FY07
4673 4752 4852 4975 3696 4094

- The APSCE CRD was staffed on 21 Sept 00. Majority comments have been "concur without comment."
- The ORD IPT reviewed all comments and recommendations and they have been incorporated into the ORD.



Requirements Summary.

- Reduce cost.
- Reduce logistical footprint.
- Provide the required energy (KPP).
- "Plug in to" capability.
- Protect against line AC and DC input noise.
- Not electronically interfere with adjacent equipment.
- Protect against reverse polarity.
- Protect against over temp and over charging.

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